

## **SECURE SERVER-BASED IDENTIFICATION FOR SIMPLIFIED ONLINE TRANSACTION PROCESSING WITH PALMTOP COMPUTER**

### **ABSTRACT OF THE INVENTION**

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A secure simplified transaction processing method and apparatus for a palmtop computer. Sensitive personal information is stored in a secure personal information database. A site map database contains information which maps the fields of the personal information database to frames of a Web page. On request 10 of a palmtop computer, a robot program correlates the personal information fields with the frames of the Web page and sends the personal information back to the palmtop computer. The palmtop computer uses this information to automatically populate the frames of a Web clipping representing a Web page. This has the 15 advantage that the user does not have to manually fill in the frames of the web clipping while providing security for sensitive information.

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